

Applicant: Keisei FUJIWARA, et al.

Title: Storage Device and System for Providing Communications...

Attorney Docket No. 16869N-110800

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FIG. 1

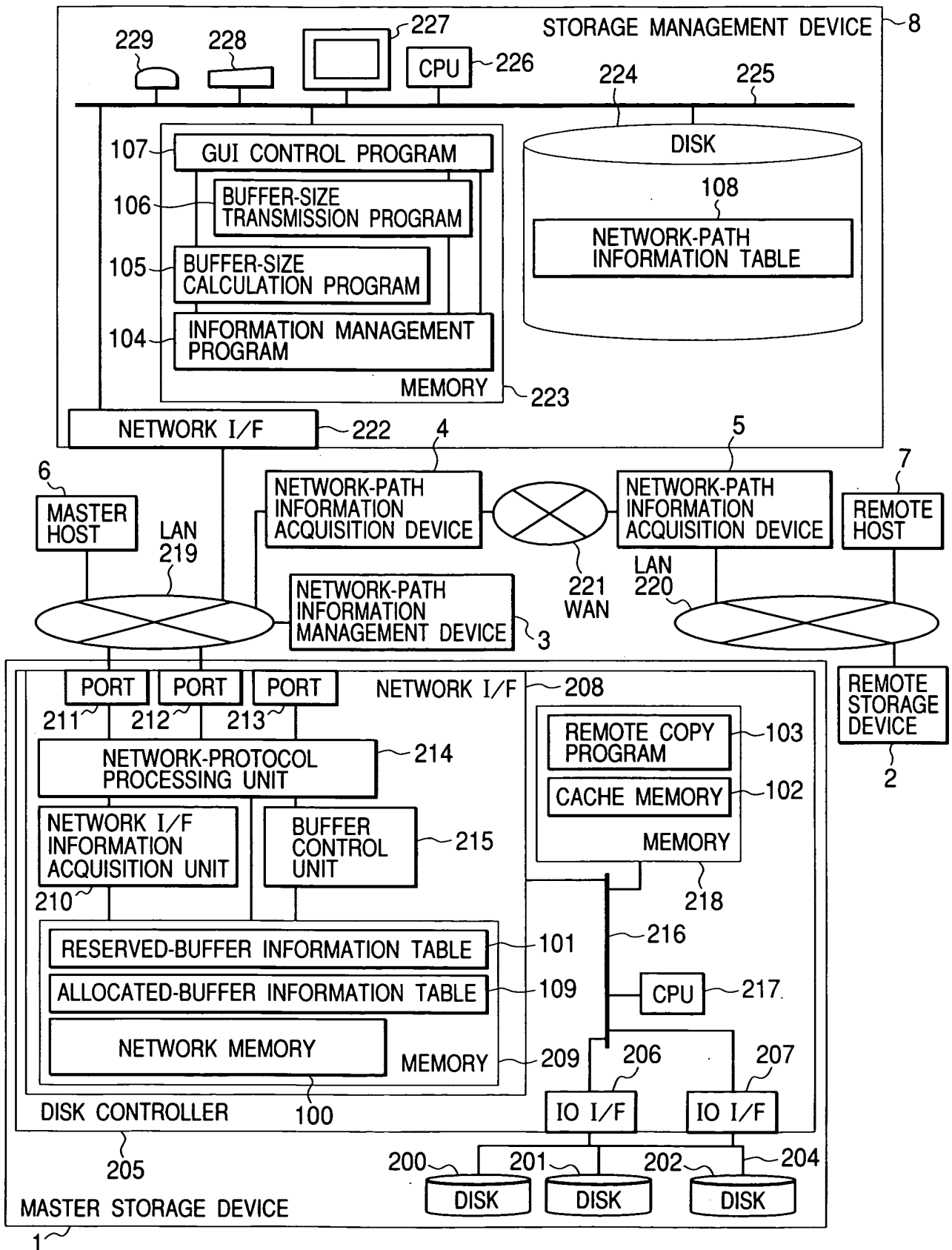
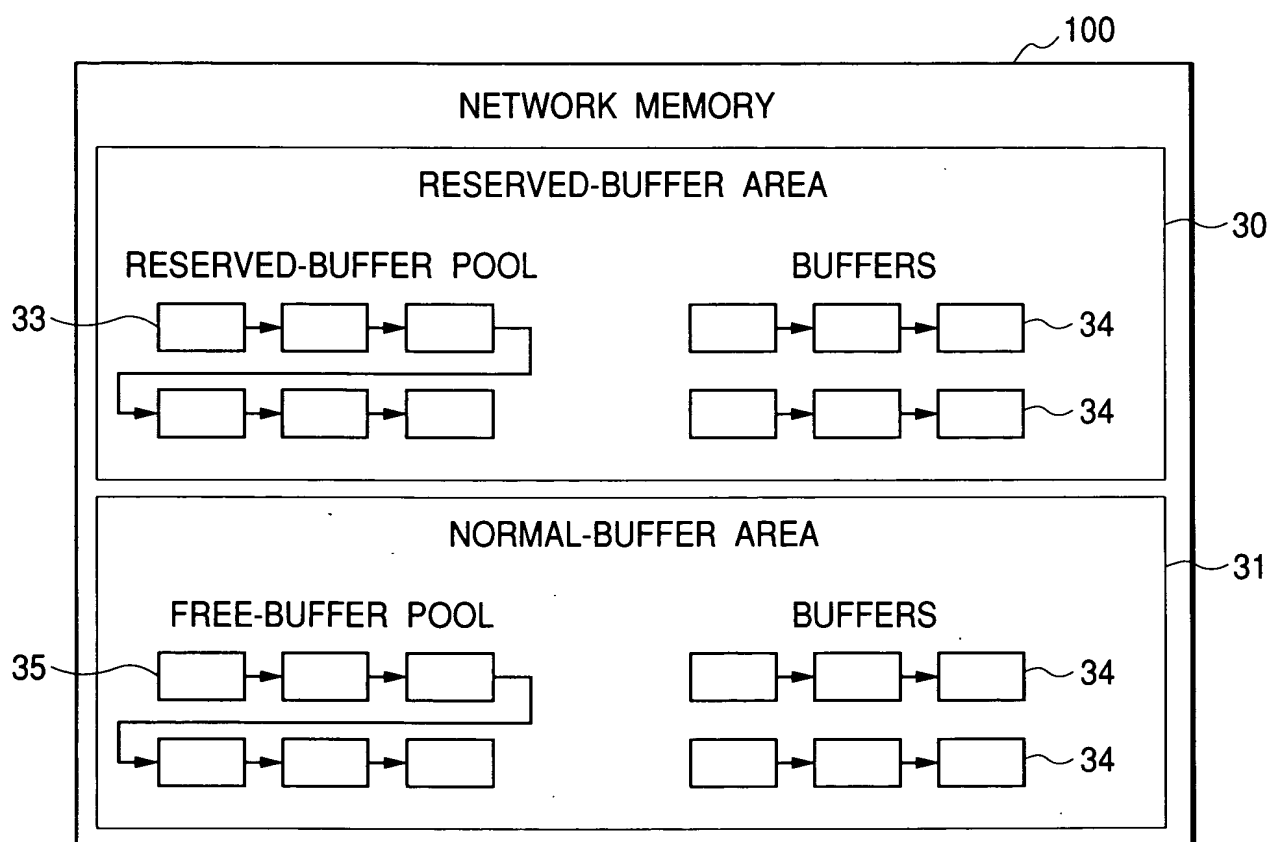


FIG. 2



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FIG. 3(a)

101 RESERVED-BUFFER INFORMATION TABLE			
301		302	303
MASTER-PORT IP ADDRESS	REMOTE-PORT IP ADDRESS	BUFFER ADDRESS	RESERVED- BUFFER SIZE
211.19.1.20	133.185.12.20	0x0FFFFFFF	2.1M
211.19.3.85	172.83.1.21	0xFF00CC	4.5M
...

FIG. 3(b)

108 NETWORK-PATH INFORMATION TABLE					
401		402	403	404	405
MASTER-PORT IP ADDRESS	REMOTE-PORT IP ADDRESS	BAND- WIDTH	LATENCY	NUMBER OF SESSIONS	NUMBER OF CONNECTIONS
211.19.1.20	133.185.12.20	10M	2.8 μ	2	3
211.19.3.85	172.83.1.21	45M	1.2 μ	1	4
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FIG. 4(a)

601

WINDOW FOR SETTING PORT PAIR

MASTER-PORT IP ADDRESS 602

REMOTE-PORT IP ADDRESS 603

NUMBER OF SESSIONS PER PORT PAIR 604

NUMBER OF CONNECTIONS PER SESSION 605

OK 606 CANCEL 607

FIG. 4(b)

701

BUFFER-SIZE-SETTING WINDOW

AVAILABLE-BUFFER SIZE 702

RECOMMENDED BUFFER SIZE 703

704 ○ AUTOMATIC SPECIFICATION

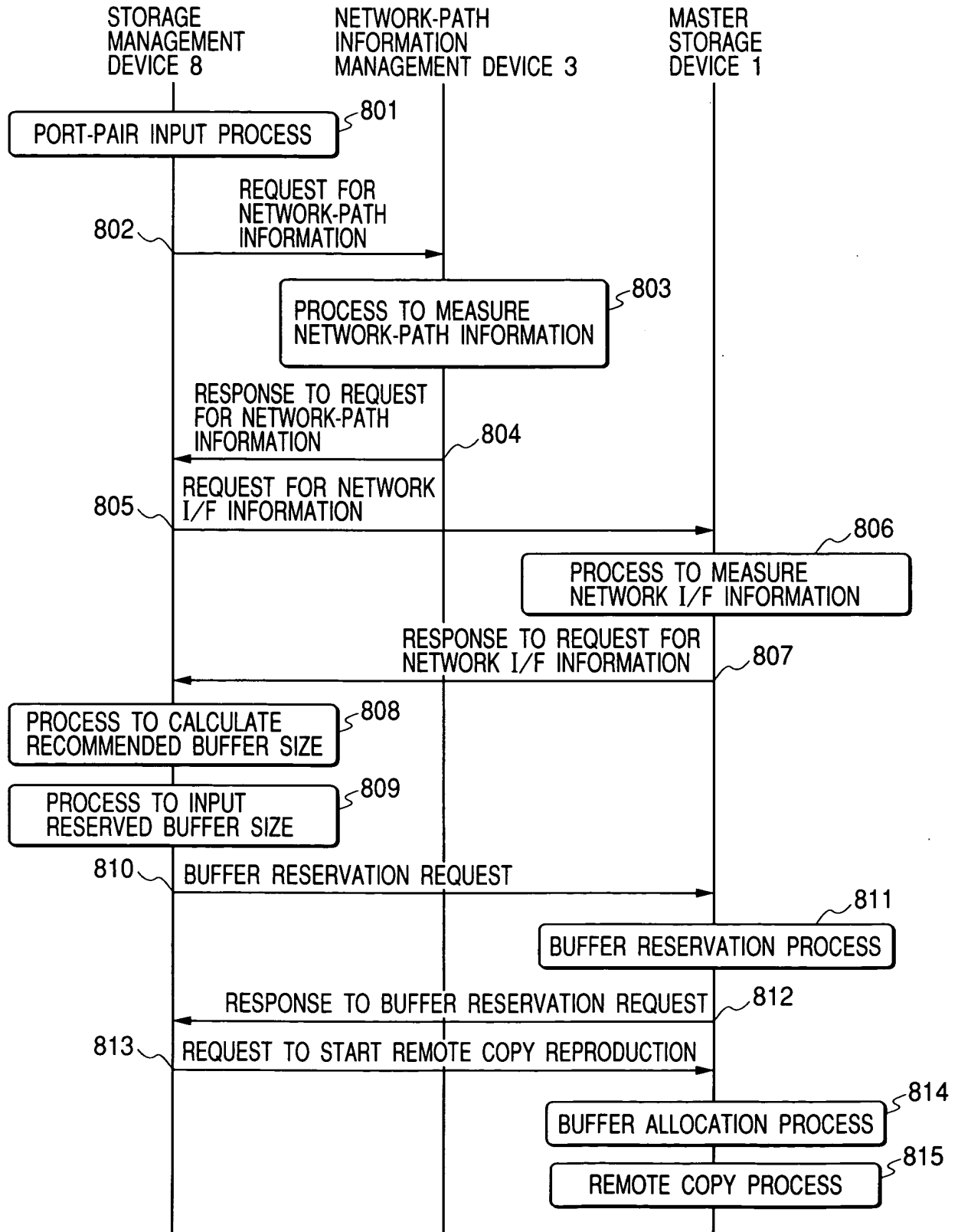
705 ● MANUAL SPECIFICATION

RESERVED-BUFFER SIZE INPUT 706

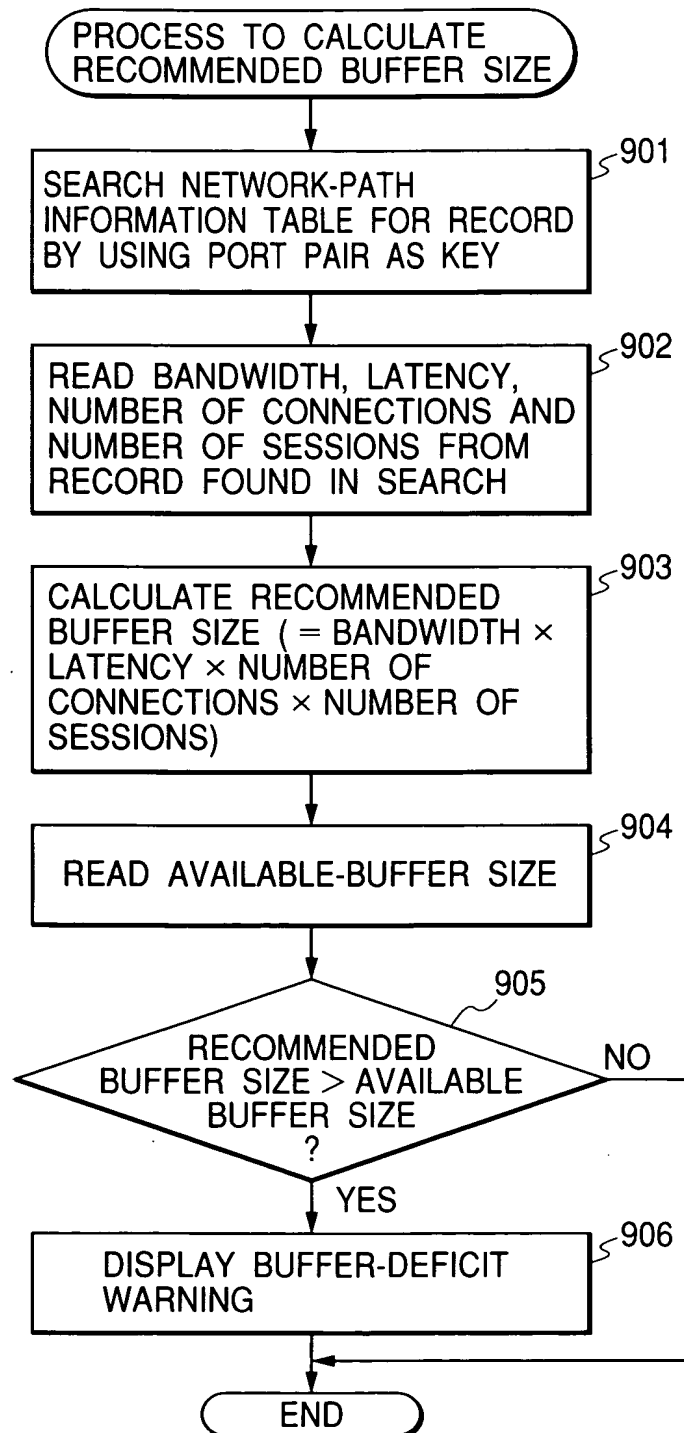
OK 707 CANCEL 708

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FIG. 5



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FIG. 6

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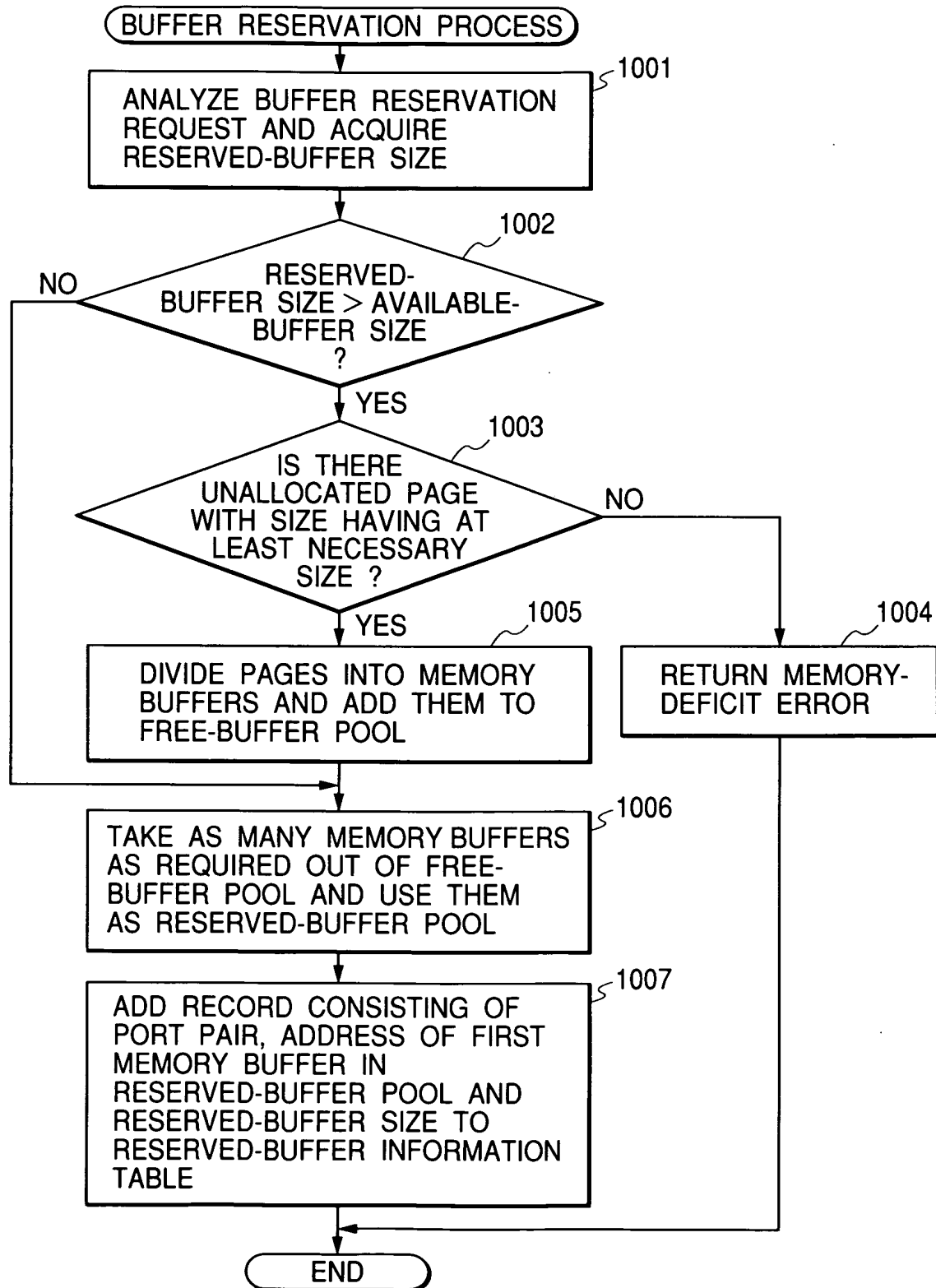
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FIG. 7



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FIG. 8

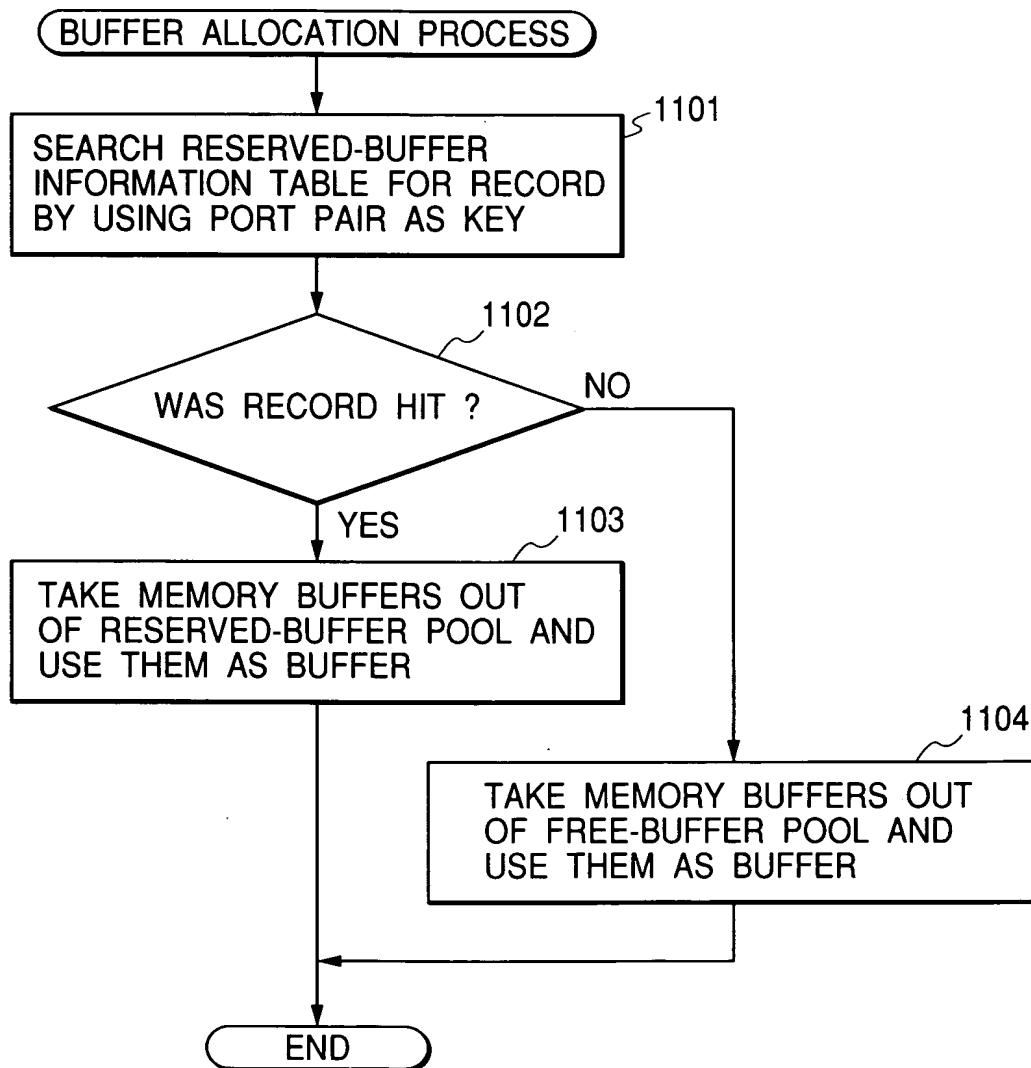
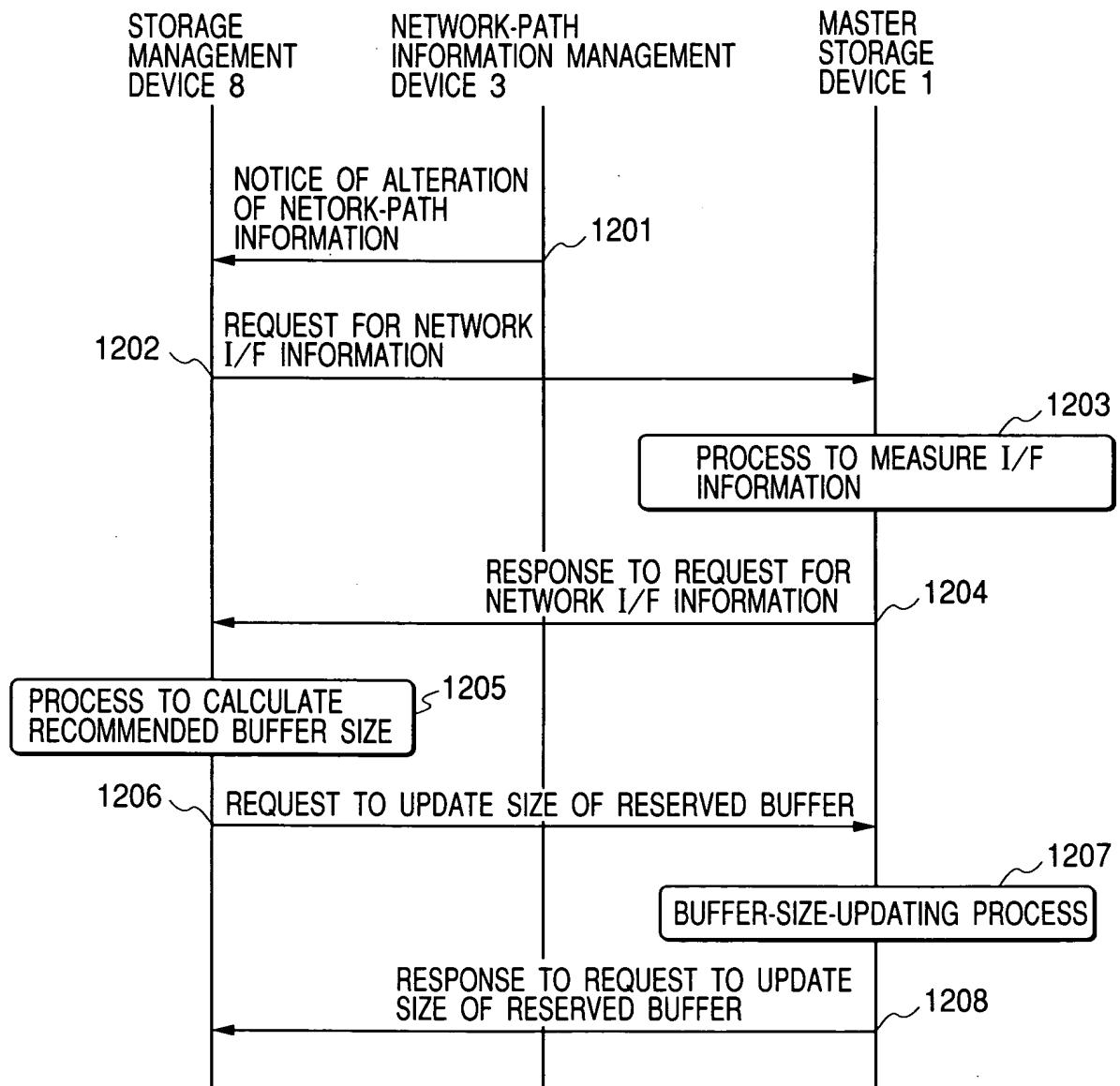
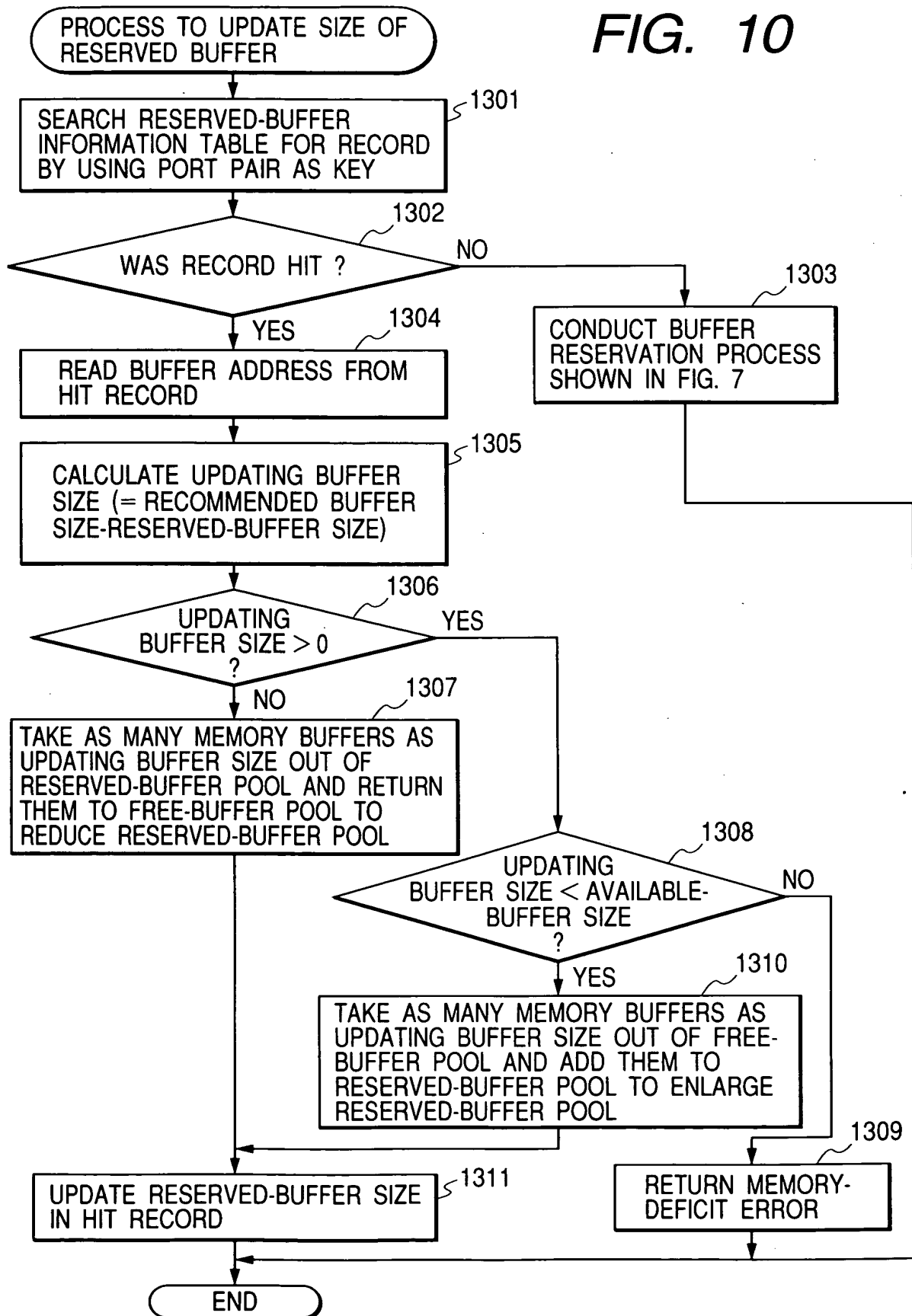


FIG. 9



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FIG. 10



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FIG. 11

1401

WINDOW FOR SETTING BUFFER-RESERVATION TARGET

MASTER-PORT IP ADDRESS

REMOTE-PORT IP ADDRESS

REMOTE-SITE PORT NUMBER

NUMBER OF SESSIONS PER COMBINATION
OF PORT PAIR AND REMOTE-SITE PORT NUMBER

NUMBER OF CONNECTIONS PER SESSION

OK

CANCEL

1407 1408

FIG. 12

1500 RESERVED-BUFFER-ID INFORMATION TABLE

1501 MASTER-PORT IP ADDRESS	1502 REMOTE-PORT IP ADDRESS	1503 BUFFER ID
211.19.1.20	133.185.12.20.	10000
211.19.3.85	172.83.1.21	15000
...

1504

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FIG. 13

1601

WINDOW FOR SELECTING BUFFER-RESERVATION TARGET

DESIGNATE TARGET FOR BUFFER RESERVATION

1602 ☐ PORT PAIR

1603 ☐ PORT PAIR AND REMOTE-SITE PORT NUMBER

1604 ☐ CONNECTION

1605 OK

1606 CANCEL